

ABSTRACT

[Abstract]

[Object] To avoid an excessive curvature of a piezoelectric diaphragm due to, for example, a drop impact to prevent the cracking of a conductive adhesive.

[Solving Means] A piezoelectric electroacoustic transducer includes a rectangular piezoelectric diaphragm 1; a case 10 having supports 10f to support the four corners of the bottom surface of the piezoelectric diaphragm 1; terminals 11 and 12 fixed to the case 10, each having an inner connection portion exposed near the supports; a first elastic adhesive 13 applied between the periphery of the piezoelectric diaphragm and the terminals; a conductive adhesive 14 applied between electrodes of the piezoelectric diaphragm and the terminals across the top surface of the first elastic adhesive; a second elastic adhesive 15 filling and sealing a gap between the periphery of the piezoelectric diaphragm and an inner portion of the case; and an overamplitude-preventing receiver 10p integrally provided on a bottom wall of the case to limit the amplitude of vibration of the piezoelectric diaphragm to a predetermined range. The overamplitude-preventing receiver is positioned closer to the center of the piezoelectric diaphragm than the supports 10f.